

इंटरनेट

मानक

### Disclosure to Promote the Right To Information

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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 12088 (1987): Bone Plate, Dynamic Compression [MHD 2: Orthopaedic Instruments, Implants and Accessories]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”



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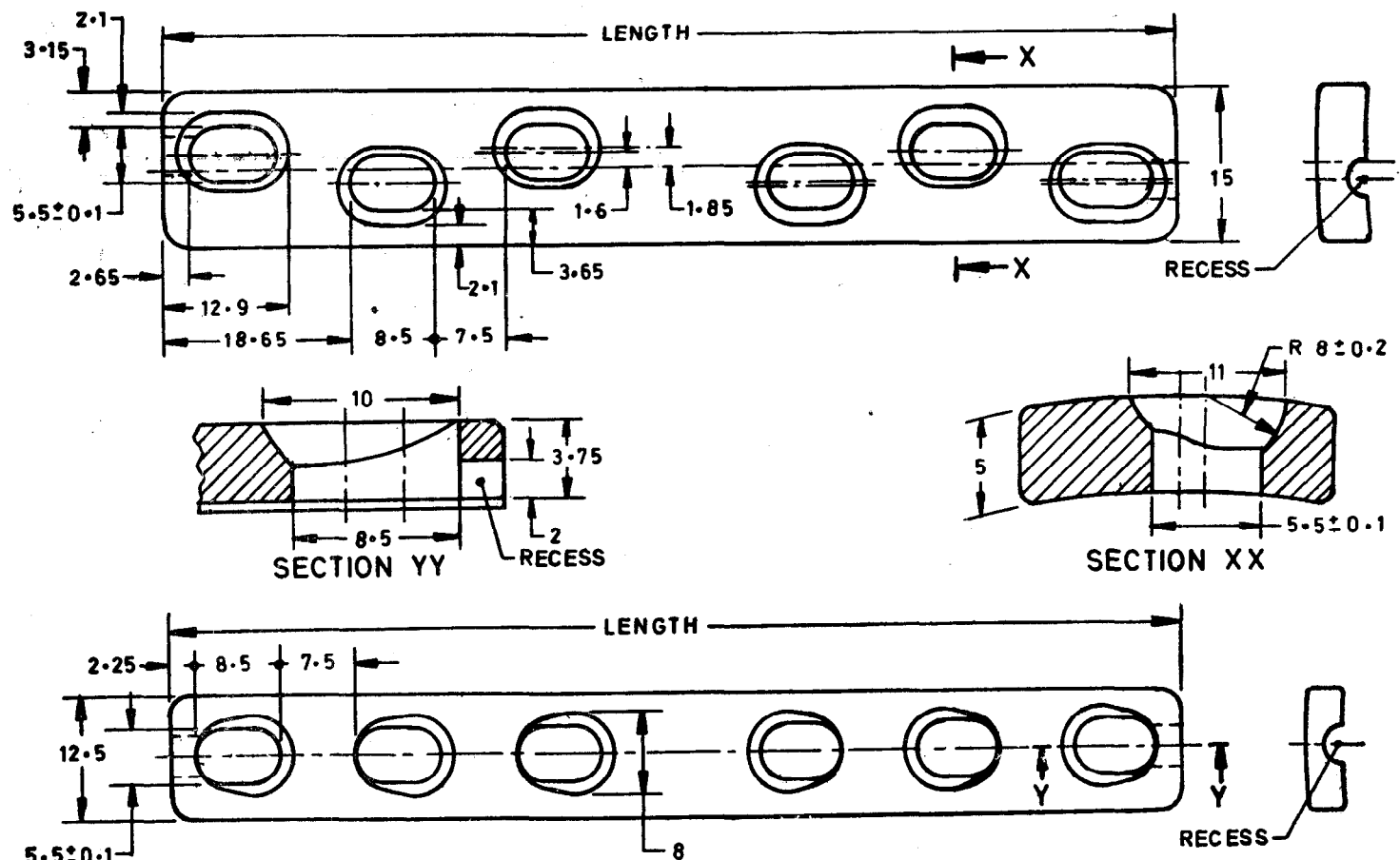
*Indian Standard*SPECIFICATION FOR  
BONE PLATE, DYNAMIC COMPRESSION

- 1. Scope** — Dimensional and other requirements of dynamic compressionb one plate used as implant in orthopaedic surgery.
- 2. Shape and Dimensions** — As shown in Fig. 1.
- 3. Material** — Shall be according to **3** of IS : 5347 ( Part 1 )-1986 'Requirements for orthopaedic implants: Part 1 General requirements ( *second revision* )'.
- 4. Manufacture, Workmanship and Finish** — Each plate shall be pressed in one-piece. The holes shall be uniform in shape and situated either on the central line or in a zig-zag way.
- 4.1** Each plate shall be free from cracks, draw marks, pits, burrs, surface contamination and impregnated foreign particles. The plate shall be electropolished to give a mirror or satin finish and passivated.
- 5. Corrosion Resistance Test** — Shall be according to **6.1** of IS : 5347 ( Part 1 )-1986.
- 6. Marking** — Shall be according to **5.1** of IS : 5347 ( Part 1 )-1986.
- 6.1 Certification Marking** — Details available with the Bureau of Indian Standards.
- 7. Packing** — The plates may be packed as agreed to between the purchaser and the supplier. However, it is recommended that each plate may be wrapped in polythene bag or in a wax paper and then packed in cartons.

Adopted 4 May 1987

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Gr 1



Dimensions of Plate

Holes on Centre Line		Holes on Zig-Zag-Wag	
Holes	Length mm	Holes	Length mm
2	39	6	103
3	55	7	119
4	71	8	135
5	87	9	151
6	103	10	167
7	119	12	179
8	135	14	231
9	151	16	263
10	167	18	295
11	183		
12	199		
13	215		
14	231		
15	247		
16	263		

All dimensions in millimetres.

FIG. 1 BONE PLATE, DYNAMIC COMPRESSION